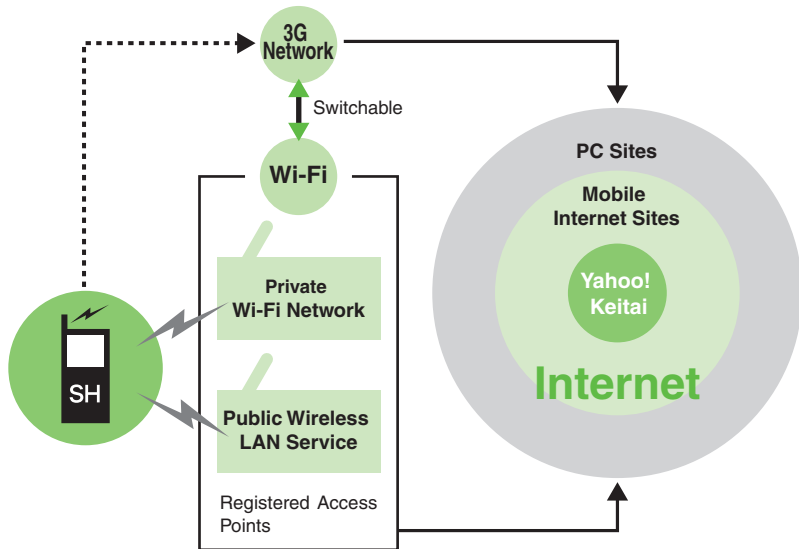
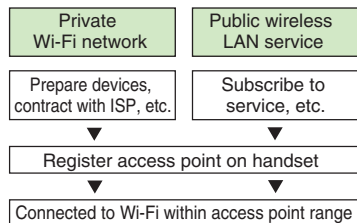
15 Connectivity & File Backup

Wi-Fi (Wireless LAN)

944SH supports wireless LAN (hereafter "Wi-Fi") that enables Internet connection via private Wi-Fi network, public wireless LAN service, etc. Handset connects to the Internet via Wi-Fi automatically whenever possible, allowing high-speed communication without switching networks.
Subscription to Keitai Wi-Fi is required to use Wi-Fi.

Service Usage Outline

Private Wi-Fi network	Public wireless LAN service
Prepare devices, contract with ISP, etc.	Subscribe to service, etc.
▼	▼
Register access point on handset	
▼	▼
Connected to Wi-Fi within access point range	

Registering Access Points

- Save access point information to handset to use Wi-Fi.
  - Handset connects to registered access points automatically.
- Access point search may take some time depending on the number of registered access points.

Important Wi-Fi Usage Note

- Depending on signal conditions, connection may automatically switch from Wi-Fi to 3G incurring packet transmission fees; set confirmation to appear as needed.

Connectivity & File Backup 15

Advanced

Subscribing to Keitai Wi-Fi (Japanese) Disabling Wi-Fi Showing confirmation when switching networks Protecting access point information by Handset Code Specifying channel range Opening access point properties Opening Wi-Fi-related handset properties Opening Keitai Wi-Fi information (Japanese) (**P.15-23**)

Registering Private Access Points

- Broadband connection, ISP subscription and Wi-Fi access point are required.
- To connect to corporate access points, consult the system administrator for settings.
- Configure settings on Wi-Fi access points beforehand. (For details, see the access point guide.)
- Access point information (SSID, authentication method, encryption method, security key, etc.) is unique to each access point. Check it beforehand.

Using AOSS™ or WPS

AOSS™ and WPS are systems/standards for easy access point registration and security configuration; available on compatible Wi-Fi access points.

Using AOSS™

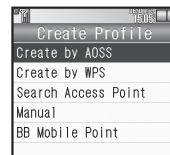
● ➡ ***Tools*** ➡ ● ➡ ⊙ ***Connectivity*** ➡ ***Wi-Fi*** ➡ ●

Wi-Fi Menu

Create Profile ➡

Create Profile Menu

Create by AOSS ➡ ●

●

- Follow onscreen instructions.
- To cancel, press ⓨ.
- Handset connects to Wi-Fi upon completion of registration (Switch On/Off: ***On***).

Connectivity & File Backup

15

Advanced

Managing registered access points (**P.15-23**)

Using WPS

Example: Push Button Configuration (PBC) method

1 In Create Profile menu, *Create by WPS* ➡ ◉

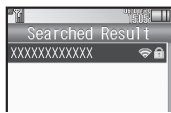
◉

- Follow onscreen instructions.
- To cancel, press Y!.
- Handset connects to Wi-Fi upon completion of registration (Switch On/Off: ***On***).

Using PIN Method

- Enter an eight-digit number (PIN) generated by handset into the access point.
  After 1, Y! ➡ *PIN entry* ➡ ◉ ➡ ◉ ➡ Enter number on Display into access point ➡ ◉

Access Point Search

1 In Create Profile menu, *Search Access Point* ➡ ◉

- To cancel search, press Y!.

2 Select access point ➡ ◉

3 Enter corresponding security key ➡ ◉

4 *Yes* ➡ ◉

- Handset connects to Wi-Fi (Switch On/Off: ***On***).

If Encryption Method is WEP

- After 3, authentication method selection window opens. Select a method according to the access point.

Connectivity & File Backup

15

Advanced

Setting IP address Setting DNS server addresses (**P.15-23 - 15-24**)

Registering Access Points Manually

Check access point information beforehand.

Major Items

Access Point Profile

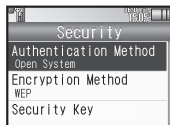
Profile Name	Enter a name
SSID	Enter the same SSID as the access point

Security

Authentication Method	Supported authentication methods vary by access point; set accordingly
Encryption Method	Supported encryption methods vary by authentication method; set according to access point
Security Key	Enter the security key (also called "encryption key," "network key" or "passphrase") set on the access point

Entering Information

Example: Authentication Method is WPA/WPA2-PSK Auto.

1. **In Create Profile menu, *Manual* ➡ ◉**
2. ***Profile Name* ➡ ◉ ➡ Enter name ➡ ◉**
3. ***SSID* ➡ ◉ ➡ Enter SSID ➡ ◉**
4. ***Security* ➡ ◉**

Security Menu

5. ***Authentication Method* ➡ ◉ ➡ Select method ➡ ◉**
6. ***Encryption Method* ➡ ◉ ➡ Select method ➡ ◉**
7. ***Security Key* ➡ ◉ ➡ Enter security key ➡ ◉**

 Y! ➡ ***Yes* ➡ ◉**

- Handset connects to Wi-Fi (Switch On/Off: ***On***).

If Authentication Method is *Open System* & Encryption Method is *No Authentication*

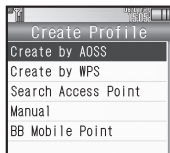
- Omit security key entry.

If Encryption Method is *WEP*

In 7, *<Empty>* ➡ ◉ ➡ Enter WEP key ➡ ◉ ➡ Y! ➡ From 8

Using Public Wireless LAN Services

- Subscription with the corresponding service provider, etc. is required.
- Access point information (SSID, authentication method, encryption method, security key, etc.) is unique to each access point. Check it beforehand.
- Subscription to Keitai Wi-Fi provides access to BB mobilepoint service. For more about BB mobilepoint, see SOFTBANK TELECOM Website (**P.17-24**).

Using BB mobilepoint

Create Profile Menu

3 ***BB Mobile Point*** ➡ ●

4 ***Password*** ➡ ● ➡ **Enter password** ➡ ●

5 (Y!)

6 ***Yes*** ➡ ●

- Handset connects to Wi-Fi (Switch On/Off: ***On***).

Using Other Public Wireless LAN Services

- Check public wireless LAN service information beforehand.
- **Connection to some public wireless LAN services may not be possible.**

1 **In Create Profile menu, *Manual*** ➡ ●

2 **Complete fields**

- For details, see **P.15-5** "Entering Information."

3 ***Advanced Settings*** ➡ ● ➡ ***WISPr Settings*** ➡ ●

4 ***User ID*** ➡ ● ➡ **Enter ID** ➡ ●

5 ***Password*** ➡ ● ➡ **Enter password** ➡ ●

6 ***Switch On/Off*** ➡ ● ➡ ***On*** ➡ ●

7 (Y!) ➡ (Y!) ➡ (Y!)

8 ***Yes*** ➡ ●

- Handset connects to Wi-Fi (Switch On/Off: ***On***).

Infrared

Wirelessly transfer files between 944SH and compatible devices.
944SH supports IrSimple™ high-speed wireless communications protocol; exchange large image files instantly with compatible mobile phones, printers, etc.

Transferable Files

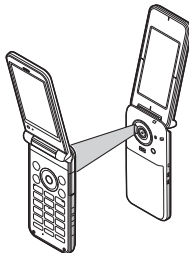
Phone Book	Received Msg.
Calendar	Sent Messages
Tasks	Drafts
Notepad	Templates (Messaging)
Bookmarks	Data Folder

- Copy/forward protected files are not transferable.
- Some files may not be transferable; some settings may be lost, or files may not be saved properly. For details, see "Troubleshooting" at the end of this chapter.

Getting Started

Infrared Precautions

Align Infrared Ports of both devices.

- Handset cannot receive connection requests during Software Update.

- Do not place objects between devices.
- Keep Infrared Ports aligned during transfer.
- Do not look into Infrared Port during infrared transmissions. Eyesight may be affected.
- 944SH complies with IrMC 1.1, however, some files may not transfer properly.

Transfer Options

One File Transfer	Transfer single files
All File Transfer	Transfer all files by function
IrSS Transfer	Exchange single JPEG image files with compatible devices at high speed

- Some transfer options may be unavailable depending on file type.
- Transfer Memory Card files one by one.

Authorization Code

- Four-digit code required for Infrared transfers. All File Transfers possible when codes match. (Authorization Code is changeable for each transfer.)

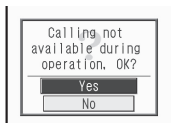
Transferring Files via Infrared

Receiving Files

1. ● ➡ *Tools* ➡ ● ➡ ◉ *Connectivity* ➡ *Infrared* ➡ ●

2. *Switch On/Off* ➡ ● ➡ *On(3 min.)* ➡ ●

- Infrared is activated.
- Handset receives files if sent within three minutes.
- Handset must be in Standby to accept connection requests.

3. **Connection request arrives**

Request Window

4. **Perform subsequent operations**

- To cancel transfer, press ⓨ.

Subsequent Operations

■ One File Transfer

Yes ➡ ● ➡ *Yes* ➡ ●

- If storage media confirmation appears, select media and press ●.

■ All File Transfer (Adding Files)

Yes ➡ ● ➡ **Enter Authorization Code** ➡ ● ➡ *As New Items* ➡ ●

■ All File Transfer (Overwriting Existing Files)

Yes ➡ ● ➡ **Enter Authorization Code** ➡ ● ➡ *Delete All & Save* ➡ ● ➡ *Yes* ➡ ●

- For Phone Book, My Details except handset phone number is overwritten as well.

■ IrSS Transfer

Yes ➡ ●

- Files are saved to Data Folder (Pictures).

Advanced

Disabling image size reduction for IrSS Transfer (**P.15-24**)

Sending Files

One File Transfer

Example: Phone Book entry

1. ➡ Select entry ➡ ➡ *Send Entry* ➡ ◉
2. *Via Infrared* ➡ ◉
3. *Yes* ➡ ◉ ➡ Transfer starts
   - When complete, entry search window returns.

All File Transfer

1. ◉ ➡ *Tools* ➡ ◉ ➡ *Connectivity* ➡ *Infrared* ➡ ◉
2. *Send All* ➡ ◉
3. *Yes* ➡ ◉ ➡ Enter Handset Code ➡ ◉
4. Select item ➡ ◉ (☐/☑) ➡ Complete selection ➡
5. Enter Authorization Code ➡ ◉ ➡ Transfer starts ➡ ◉

Sending Phone Book
- In 5, Picture transfer confirmation appears; choose ***Yes*** or ***No*** and press ◉.

Sending JPEG Images at High Speed

1. ◉ ➡ *Data Folder* ➡ ◉
2. *Pictures* or *DCIM* ➡ ◉
   For *DCIM*, select a folder and press ◉.
3. Select image ➡ (Long)
4. *Yes* or *No* ➡ ◉ ➡ Transfer starts
   - Images may be reduced automatically before transfer depending on the size.
   - When complete, file list returns.
   - Transfers are one-way; end even if files are not received.

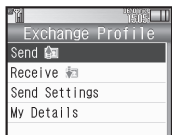
Advanced

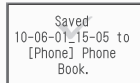
Sending My Details Sending non-Phone Book files (**P.15-24**)

Exchanging Contact Information

Exchange name, phone numbers, mail addresses, and other contact info with other compatible handsets via infrared.
Read **P.15-7** "Infrared Precautions" beforehand.

Receiving Profiles

  (Long)

Exchange Profile Menu

  Receive ➡ ◉

 Profile received

- Received profile is saved to Phone Book.

Sending Profiles

1. **In Exchange Profile menu, *Send* ➡ ◉ ➡ Transfer starts**

Changing Profile Items to Send

[Exchange Profile Menu] *Send Settings* ➡ ◉ ➡ Select item ➡ ◉ (☐/☑) ➡ Complete selection ➡ (Y!)

Opening My Details

[Exchange Profile Menu] *My Details* ➡ ◉

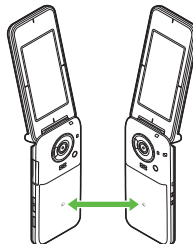
IC Transmission

Wirelessly transfer files between 944SH and compatible devices.

- For transferable files, see **P.15-7**.
- Cancel IC Card Lock beforehand.
- Disconnect Headphones, USB Cable and AC Charger beforehand.

Getting Started

IC Transmission Precautions

Align logos of both devices.

Align logos

Keep logos aligned during transfer.

Transfer Options

One File Transfer	Transfer single files
All File Transfer	Transfer all files by function

- Some transfer options may be unavailable depending on file type.
- Transfer Memory Card files one by one.

Authorization Code

- Four-digit code required for IC transfers. All File Transfers possible when codes match. (Authorization Code is changeable for each transfer.)

Advanced

Disabling one file reception (**P.15-24**)

Transferring Files via IC Transmission

Receiving Files

1 Connection request arrives

Request Window

- Handset must be in Standby to accept connection requests.

2 Perform subsequent operations

- To cancel transfer, press Y!.

Subsequent Operations

■ One File Transfer

Yes ➡ ◉ ➡ *Yes* ➡ ◉

- If storage media confirmation appears, select media and press ◉.

■ All File Transfer (Adding Files)

Yes ➡ ◉ ➡ Enter Authorization Code ➡ ◉ ➡ *As New Items* ➡ ◉

■ All File Transfer (Overwriting Existing Files)

Yes ➡ ◉ ➡ Enter Authorization Code ➡ ◉ ➡ *Delete All & Save* ➡ ◉ ➡ *Yes* ➡ ◉

- For Phone Book, My Details except handset phone number is overwritten as well.

Sending Files

One File Transfer

Example: Phone Book entry

1 ◎ ➡ **Select entry** ➡ ✉ ➡ ***Send Entry*** ➡ ◉

2 ***Via IC Transmission*** ➡ ◉

3 ***Yes*** ➡ ◉ ➡ **Transfer starts**

- When complete, entry search window returns.

All File Transfer

1 ◉ ➡ ***Tools*** ➡ ◉ ➡ ◎ ***Connectivity*** ➡ ***IC Transmission*** ➡ ◉

2 ***Send All*** ➡ ◉

3 ***Yes*** ➡ ◉ ➡ **Enter Handset Code** ➡ ◉

4 **Select item** ➡ ◉ (☐/☑) ➡ **Complete selection** ➡ Y!

5 **Enter Authorization Code** ➡ ◉ ➡ **Transfer starts** ➡ ◉

Sending Phone Book

- In 5, Picture transfer confirmation appears; choose ***Yes*** or ***No*** and press ◉.

Advanced

☞ Sending My Details ● Sending non-Phone Book files (**P.15-24**)

Bluetooth®

Wirelessly transfer files/data between 944SH and compatible devices (watches, handsfree devices, etc.).

- For transferable files, see **P.15-7**.
- 944SH supports simultaneous connection with two devices. (May be unavailable depending on the device type.)
- Bluetooth® connection may not be possible with some Bluetooth® devices.
  - Handset shall be connected to certified Bluetooth® devices that meet the specification standards developed by the Bluetooth SIG.
  - Data transfers may fail depending on characteristics or specifications of the certified Bluetooth® devices.
  - Noise may interfere with wireless or handsfree conversations.
- TV audio is supported only on SCMS-T DRM scheme compliant Bluetooth® devices.

Getting Started

Bluetooth® Precautions

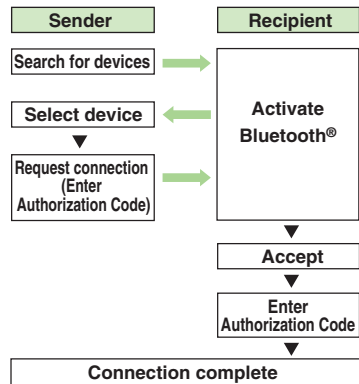
Check transmission range of your Bluetooth® device to use with handset properly. Maximum transmission range for transfers between 944SH handsets is ten meters. (Bluetooth® connection/transfer rate may vary depending on conditions.)

Important Handsfree Device Usage Note

- Handle call operations on the device in use.

Bluetooth® Watches

- Compatible Bluetooth® watches support these functions:
  - Clock sync
  - Alarm notice
  - News notice
  - Mail notice
  - Remote Shutter
  - Mode Settings
  - Quick Silent
  - Caller ID notice
  - Hold calls
  - Show Operator Name
- For details about functions/operations, see the Bluetooth® watch guide.

Bluetooth® Connection

Authorization Code

- 4 to 16-digit code required for Bluetooth® connections. Pairing possible when codes match.
- For handsfree devices, enter specified Authorization Code.
- Authorization Code entry may not be required depending on the other device.

Advanced

Cloaking handset to avoid connection requests; Setting idle time after which Bluetooth® is canceled; Switching audio output to wireless device; Changing Bluetooth® name for handset; Opening Bluetooth®-related handset properties (And more on **P.15-24** - **15-25**)

Synchronizing Bluetooth® watch with handset Clock; Enabling/disabling Bluetooth® watch responses (**P.15-25**)

Transferring Files via Bluetooth®

Activating Bluetooth®

1

- Bluetooth® is activated.
- Handset must be in Standby to accept connection requests from unpaired handsfree devices, etc.
- To cancel Bluetooth®, Long Press ⊙.

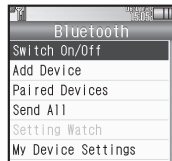
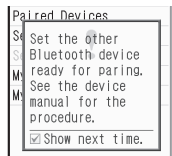
Connecting Bluetooth® Devices

Device Search & Pairing

First, activate Bluetooth® on devices to be paired with.

1

Bluetooth Menu

2

- To suppress message, press ✉ before **3**.

3

- Found devices are listed after search.
- To cancel search, press Y!.

4 **Select device ➡ ◉**

If a confirmation appears, choose ***Yes*** and press ◉.

5

- On the other device, complete code entry within 30 seconds.
- Authorization Codes are not necessary for paired devices.

Connecting Bluetooth® Specification Ver. 2.1 Compliant Devices

In 5, *Yes* ➡ ◉ ➡ Pairing complete

■ If the other device is a keyboard, follow onscreen instructions.

Activating Bluetooth® via Main Menu ● Editing Paired Device list ● Disconnecting handsfree devices, etc. ● Connecting devices supporting handsfree telephony and audio output by service ● Specifying a preferred device for wireless connection (**P.15-25**)

Connecting Paired Handsfree Devices, Etc.

1 In Bluetooth menu, *Paired Devices* ➡ ◉

Paired Device List

2 Select device ➡ ◉

If handset is already connected to another device, disconnection confirmation may appear; choose ***Yes*** and press ◉.

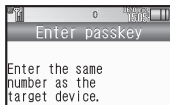
- The device is connected and ☑ (preferred) appears.

Accepting Connection Requests

Follow these steps to accept connection requests from unpaired devices:

1 Connection request arrives

Request Window

2 *Yes* ➡ ◉

3 Enter the same Authorization Code as sender's ➡ ◉

- Complete code entry within 30 seconds.

Connecting Bluetooth® Specification Ver. 2.1 Compliant Devices

In ③, *Yes* ➡ ◉

- ■ If the other device is a keyboard, follow onscreen instructions.

Transferring Files

Follow the steps below to exchange files with paired devices.

- For transferable files, see **P.15-7**.
- When requested, enter Authorization Code.

Receiving Files

1 Connection request arrives

Request Window

2 Perform subsequent operations

- To cancel transfer, press Y!.

Subsequent Operations

One File Transfer

Yes ➡ ● ➡ *Yes* ➡ ●

- If storage media confirmation appears, select media and press ●.

All File Transfer (Adding Files)

Yes ➡ ● ➡ *As New Items* ➡ ●

All File Transfer (Overwriting Existing Files)

Yes ➡ ● ➡ *Delete All & Save* ➡ ● ➡ *Yes* ➡ ●

Sending Files

One File Transfer

Example: Phone Book entry

1 ➡ **Select entry** ➡ ✉ ➡ ***Send Entry*** ➡ ●

2 ***Via Bluetooth*** ➡ ●

3 Select device ➡ ●

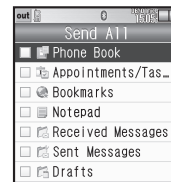
4 ***Yes*** ➡ ● ➡ **Transfer starts**

- When complete, entry search window returns.

All File Transfer

1 In Bluetooth menu, *Send All* ➡ ●

2 Select device ➡ ● ➡ ***Yes*** ➡ ●

3 Enter Handset Code ➡ ●

4 Select item ➡ ● (☐/☑) ➡ **Complete selection** ➡ Y! ➡ **Transfer starts** ➡ ●

Sending Phone Book

- In 4, Picture transfer confirmation appears; choose *Yes* or *No* and press ●.

Connectivity & File Backup 15

Advanced

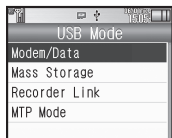
Sending My Details ● Sending non-Phone Book files (**P.15-26**)

Connecting PC or Blu-ray Disc Recorder

Connecting PC

Accessing Memory Card

Connect handset to a PC via USB Cable to access Memory Card from the PC without removing card from handset.
USB Cable may be purchased separately.

1 Connect handset to a PC via USB Cable

2 *Mass Storage* ➡ ◉

- Use PC to access Memory Card.

3 Y! ➡ *Yes* ➡ ◉ ➡ Connection ends

- Disconnect USB Cable.

If Menu in 1 Does Not Appear

- Follow these steps:
  ◉ ➡ ***Tools*** ➡ ◉ ➡ ◎ ***Connectivity*** ➡ ***USB Mode*** ➡ ◉ ➡ **From 2**
  - Operations on the PC may be required; if prompted, follow onscreen instructions.

Utility Software (Japanese)

For more PC-related operations, download Utility Software (including USB Cable driver) from the following URL.
Utility Software
http://k-tai.sharp.co.jp/download/tools/utility/

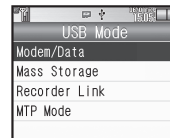
Mobile Data Communication Fees

- Using the Internet by connecting handset to PC/PDA via USB Cable or Bluetooth® may incur high charges as large-volume packet transmissions tend to occur in a short period of time.

Connecting Blu-ray Disc Recorder

Connect handset to a Blu-ray Disc recorder via USB Cable to transfer recorded programs to Memory Card without removing card from handset.

- Compatible only with SHARP Blu-ray Disc recorders. For details, see **P.17-24** "Compatible Blu-ray Disc Recorders."
- USB Cable may be purchased separately.

1 Connect handset to a Blu-ray Disc recorder via USB Cable

2 *Recorder Link* ➡ ◉

- Transfer files from Blu-ray Disc recorder to Memory Card.

3 Y! ➡ *Yes* ➡ ◉ ➡ Connection ends

- Open transferred files via ***Recorder Contents*** in TV menu or Media Player menu (Videos).

If Menu in 1 Does Not Appear

- Follow these steps:
  ◉ ➡ ***Tools*** ➡ ◉ ➡ ◎ ***Connectivity*** ➡ ***USB Mode*** ➡ ◉ ➡ **From 2**

Basics

Back up information to Memory Card, and restore to handset as needed.

Supported Items

Select items to back up, or transfer all at once. Items with * are selectable at once via ***Check Selection*** in Options menu.

Phone Book*	Sent Messages*
Calendar*	Drafts*
Tasks*	Templates (Messaging)
Bookmarks*	Contents Keys
Notepad*	Data Folder
Mail Groups*	User Dictionary
Received Msg.*	Used Log

Precautions

- Not available if battery is low.
- Some items may not be transferable; some settings may be lost, or files may not transfer properly. For details, see "Troubleshooting" at the end of this chapter.

Transferring All Items

- Use blank Memory Card for ***Backup All Items***. Do not use the card to save other files after ***Backup All Items***; backed up content may not be restored properly.

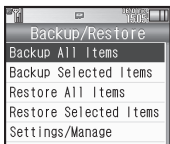
Contents Keys

- Moving Keys to Memory Card creates a special file. Performing Backup again on the same Memory Card overwrites that file. Perform Restore beforehand.

Backup & Restore

Handset to Memory Card

Follow these steps to back up selected items at once:

1 ◉ ➡ ***Settings*** ➡ ◉ ➡ ⊙ ***Phone/*** ➡ ***Backup/ Restore*** ➡ ◉

Backup/Restore Menu

2 ***Backup Selected Items*** ➡ ◉ ➡ **Enter Handset Code** ➡ ◉

3 ***Yes*** ➡ ◉

4 **Select item** ➡ ◉ (☐/☑) ➡ **Complete selection**

- For ***Phone Book***, a confirmation appears. Choose ***Yes*** or ***No*** and press ◉.

5 Ⓨ ➡ ***Yes*** ➡ ◉

- To cancel, press Ⓨ.

6 **Backup complete** ➡ ◉ ➡ ◉

Selecting Multiple Items at Once
In 4, ✉ ➡ Select option ➡ ◉ ➡ From 5

Selecting/Canceling All Items
In 4, ✉ ➡ *Check All* or *Uncheck All* ➡ ◉

Memory Card to Handset

Follow these steps to restore selected items: (Restoring backed up content to handset overwrites current--with the exception of Contents Keys--handset content.)

1 **In Backup/Restore menu, *Restore Selected Items*** ➡ ◉

2 ***Yes*** ➡ ◉

3 **Select item** ➡ ◉ (☐/☑) ➡ **Complete selection**

4 Ⓨ

- If no file list appears, skip ahead to 7.

5 **Select file** ➡ ◉

- Repeat 5 to complete selection.

6 Ⓨ

7 ***Yes*** ➡ ◉

- To cancel, press Ⓨ.

8 **Restore complete** ➡ ◉ ➡ ◉

Selecting Multiple Items at Once
In 3, ✉ ➡ Select option ➡ ◉ ➡ From 4

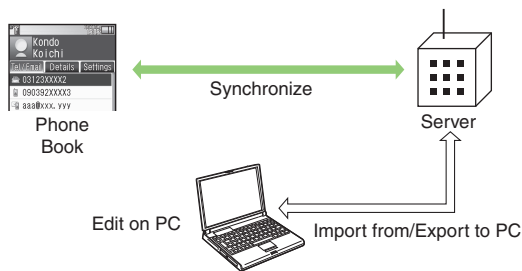
Selecting/Canceling All Items
In 3, ✉ ➡ *Check All* or *Uncheck All* ➡ ◉

Changing Restoration Method
After 3, select item ➡ ✉ ➡ *Change to Add Mode* or *Chg. to Overwrite Mode* ➡ ◉ ➡ From 4

Advanced

Backing up all items ● Encoding data for backup ● Restoring all items ● Deleting backup files (**P.15-26**)

About SAB

Back up Phone Book content in SAB; add Phone Book changes to SAB anytime. Edit SAB online via PC; add SAB changes to Phone Book anytime. Restore lost or altered Phone Book content from SAB.

- SAB requires a separate contract and basic monthly fee.
- Use SAB to add Phone Book content to a new compatible SoftBank handset; some conditions apply (**P.15-21**).
- Use a PC to edit SAB online.
- For more about SAB, see SoftBank Mobile Website (**P.17-24**).
- Synchronization incurs packet transmission fees.

Auto Synchronization

- When subscribed to SAB, Network Information retrieval activates auto synchronization (Auto Sync Settings: ***On***, Set Frequency: ***After Editing Ph.Book(10 min.)***, Sync Mode Setting: ***Normal***); Phone Book changes are added to SAB automatically.
- Cancel auto synchronization as needed. However, it reactivates after Network Information retrieval.

SAB Sync Commands & Features

Synchronization	**Normal**	Synchronize Phone Book and SAB[1]
	Sync from Client	Add Phone Book changes to SAB[2]
	Backup	Export Phone Book content to SAB[3]
	Sync from Server	Add SAB changes to Phone Book[4]
	Restore	Import SAB content to Phone Book[5]
Edit on PC	**Import from PC**	Upload PC address book info to SAB
	Export to PC	Export SAB content to PC address book
	Sync Lock	Prevent synchronization from handset
Send Notice[6]	**Birthday Notification**	SAB sends reminders via SMS to handset
	Email Address Notification[7]	Send new handset mail address to specified addresses
	"Disaster Message Board" Message Notification[8]	Send emergency message board update to specified addresses
Spam Filter	**Tomodachi Email Filter**[9]	Always accept messages from mail addresses saved in SAB

[1] If the same entry item is edited in Phone Book and SAB, SAB content is referenced.
[2] Unrelated SAB changes remain.
[3] Any existing SAB content is deleted.
[4] Unrelated Phone Book changes remain.
[5] Any existing Phone Book content is deleted.
[6] Access this function via handset (My SoftBank; Japanese) or a PC.
[7] Backup resets notification setting; handset address is sent to all addresses.
[8] Backup resets notification setting; updates are not sent to any address.
[9] Export Phone Book content to SAB beforehand.

Service Usage Outline

Complete Contract

Visit a SoftBank Shop, dial 157 from a SoftBank handset for SoftBank Mobile Customer Center, General Information or access My SoftBank (Japanese).

Receive User ID & Password

After subscription, user ID and password arrive via SMS.

- User ID and password are required to use SAB via a PC.

Use SAB

Export Phone Book content to SAB.

Precautions

Unsynchronizable Items

These Phone Book settings are lost:

- Picture, Tone, Vibration, Light

Unintentional Phone Book or SAB Content Deletion

- When no Phone Book content exists, performing synchronization via ***Normal***, ***Sync from Client*** or ***Backup*** deletes all SAB content.
- When no SAB content exists, performing synchronization via ***Normal***, ***Sync from Server*** or ***Restore*** deletes all Phone Book content.

Phone Book ⇔ SAB Content Capacity Disparities

When the number of savable items varies between Phone Book and SAB entries, synchronization reflects lower limit.

Contract Termination

SAB content is deleted upon contract termination.

SAB Transfers to New Handsets

- **SAB-Compatible 3G Handsets**
  SAB remains as last saved and is fully accessible.
- **Other SoftBank 3G Handsets**
  SAB remains as last saved and is accessible via PC.
- **V8 Series**
  Service contract is terminated and SAB content is deleted.

When Double Number is Active

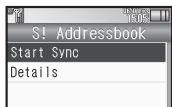
Regardless of usage mode setting, all Phone Book content is backed up.

Canceling auto synchronization (**P.15-26**)

Using Sync Commands

Normal (Start Sync)

Synchronize Phone Book and SAB via Normal.

1 ◉ ➡ ***Phone*** ➡ ◉ ➡ ***S! Addressbook Back-up*** ➡ ◉

S! Addressbook Menu

2 ***Start Sync*** ➡ ◉

- Synchronization starts; when complete, details appear.

3 ◉ ➡ **Synchronization complete**

Canceling Synchronization
Ⓨ ➡ ***Yes*** ➡ ◉

Other Sync Commands

Available Commands:

Sync from Client	Add Phone Book changes to SAB
Backup	Export Phone Book content to SAB; any existing SAB content is deleted
Sync from Server	Add SAB changes to Phone Book
Restore	Import SAB content to Phone Book; any existing Phone Book content is deleted

If this is your first use of SAB (new handset), synchronization is performed via Normal regardless of selection.

1 **In S! Addressbook menu, *Details*** ➡ ◉

2 ***Backup/Restore*** ➡ ◉

3 **Select command** ➡ ◉

- Synchronization starts; when complete, details appear.

4 ◉ ➡ **Synchronization complete**

Canceling Synchronization
Ⓨ ➡ ***Yes*** ➡ ◉

Advanced

☞ Changing auto synchronization settings · Confirming password · Opening log · Deleting log records (**P.15-26**)

Wi-Fi

General

Subscribing to Keitai Wi-Fi (Japanese)	● → *Tools* → ● → ◎ *Connectivity* → *Wi-Fi* → ● → *Application* → ● • Follow onscreen instructions.
Disabling Wi-Fi	● → *Tools* → ● → ◎ *Connectivity* → *Wi-Fi* → ● → *Switch On/Off* → ● → *Off* → ● • Wi-Fi is disabled (set to *Off*) automatically after a period of disuse. • Set to *Off* when not using Wi-Fi to extend Battery Time.
Showing confirmation when switching networks	● → *Tools* → ● → ◎ *Connectivity* → *Wi-Fi* → ● → *Common Settings* → ● → *Switch Notification* → ● → *Switch from 3G to Wi-Fi* or *Switch from Wi-Fi to 3G* → ● → *On* → ●
Protecting access point information by Handset Code	● → *Tools* → ● → ◎ *Connectivity* → *Wi-Fi* → ● → *Common Settings* → ● → *Handset Code Lock Setting* → ● → *On* → ● • Handset Code is required to re-select *Off*.
Specifying channel range	● → *Tools* → ● → ◎ *Connectivity* → *Wi-Fi* → ● → *Common Settings* → ● → *Channel Range* → ● → Select range → ● • In some countries, there are restrictions on available channels. Select channel range accordingly while outside Japan.
Opening access point properties	● → *Tools* → ● → ◎ *Connectivity* → *Wi-Fi* → ● → *Connect Information* → ●
Opening Wi-Fi-related handset properties	● → *Tools* → ● → ◎ *Connectivity* → *Wi-Fi* → ● → *Show MAC Address* → ●

Opening Keitai Wi-Fi information (Japanese)	● → *Tools* → ● → ◎ *Connectivity* → *Wi-Fi* → ● → *What's Keitai Wi-Fi?* → ● • Follow onscreen instructions.

Managing Access Points

Managing registered access points	Start Here ● → *Tools* → ● → ◎ *Connectivity* → *Wi-Fi* → ● → *Profile List* → ● → Select access point → ✉ → See below
	Changing Priority *Change Priority* → ● → Select target location → ●
	Editing *Edit* → ● → Complete fields → Y!
	Deleting *Delete* → ● → *Yes* → ●

Advanced Settings

When finished with Advanced Settings, complete other fields to register an access point.

Setting IP address	Start Here ● → *Tools* → ● → ◎ *Connectivity* → *Wi-Fi* → ● → *Create Profile* → ● → *Manual* → ● → *Advanced Settings* → ● → *IP Settings* → ● → *IP Address* → ● → *Manual* → ● → See below
	Entering IP Address *IP Address* → ● → Enter numbers → ● → Y!
	Entering Subnet Mask *Subnet Mask* → ● → Enter numbers → ● → Y!
	Entering Default Gateway *Default Gateway* → ● → Enter numbers → ● → Y!

Setting DNS server addresses	Start Here ● ➡ *Tools* ➡ ● ➡ *Connectivity* ➡ *Wi-Fi* ➡ ● ➡ *Create Profile* ➡ ● ➡ *Manual* ➡ ● ➡ *Advanced Settings* ➡ ● ➡ *IP Settings* ➡ ● ➡ *DNS Server Address* ➡ ● ➡ *Manual* ➡ ● ➡ See below **Entering Primary DNS** *Primary DNS* ➡ ● ➡ Enter numbers ➡ ● ➡ Y! **Entering Secondary DNS** *Secondary DNS* ➡ ● ➡ Enter numbers ➡ ● ➡ Y!

Infrared

Sending My Details	● ➡ 0 ➡ ✉ ➡ *Send My Card* ➡ ● ➡ *Via Infrared* ➡ ● ➡ *Yes* ➡ ● ➡ Transfer starts
Sending non-Phone Book files	In file list, select file ➡ ✉ ➡ *Send* (or *Send/ Blog*) ➡ ● ➡ *Via Infrared* ➡ ● ➡ *Yes* ➡ ● ➡ Transfer starts
Disabling image size reduction for IrSS Transfer	● ➡ *Tools* ➡ ● ➡ *Connectivity* ➡ *Infrared* ➡ ● ➡ *IrSS Key Setting* ➡ ● ➡ *Send via IrSS* ➡ ●

IC Transmission

Disabling one file reception	● ➡ *Tools* ➡ ● ➡ *Connectivity* ➡ *IC Transmission* ➡ ● ➡ *1 File Reception* ➡ ● ➡ *Off(Disabled)* ➡ ●
Sending My Details	● ➡ 0 ➡ ✉ ➡ *Send My Card* ➡ ● ➡ *Via IC Transmission* ➡ ● ➡ *Yes* ➡ ● ➡ Transfer starts
Sending non-Phone Book files	In file list, select file ➡ ✉ ➡ *Send* (or *Send/ Blog*) ➡ ● ➡ *Via IC Transmission* ➡ ● ➡ *Yes* ➡ ● ➡ Transfer starts

Bluetooth®

General

Cloaking handset to avoid connection requests	● ➡ *Tools* ➡ ● ➡ *Connectivity* ➡ *Bluetooth* ➡ ● ➡ *My Device Settings* ➡ ● ➡ *Visibility* ➡ ● ➡ *Hide My Phone* ➡ ●
Setting idle time after which Bluetooth® is canceled	● ➡ *Tools* ➡ ● ➡ *Connectivity* ➡ *Bluetooth* ➡ ● ➡ *My Device Settings* ➡ ● ➡ *Bluetooth Timeout* ➡ ● ➡ Select time ➡ ●
Switching audio output to wireless device	● ➡ *Tools* ➡ ● ➡ *Connectivity* ➡ *Bluetooth* ➡ ● ➡ *My Device Settings* ➡ ● ➡ *Sound Output* ➡ ● ➡ *Bluetooth Device* ➡ ● ● *Bluetooth Device* is set automatically when connection is made from wireless Headphones.
Changing Bluetooth® name for handset	● ➡ *Tools* ➡ ● ➡ *Connectivity* ➡ *Bluetooth* ➡ ● ➡ *My Device Settings* ➡ ● ➡ *Device Name* ➡ ● ➡ Enter name ➡ ●
Using handsfree device as primary means of conversation	● ➡ *Tools* ➡ ● ➡ *Connectivity* ➡ *Bluetooth* ➡ ● ➡ *My Device Settings* ➡ ● ➡ *Handsfree Setting* ➡ ● ➡ *Handsfree Mode* ➡ ●

Avoiding connection requests from Bluetooth®-compatible S! Applications in Standby, etc.	◉ ➡ *Tools* ➡ ◉ ➡ ⊙ *Connectivity* ➡ *Bluetooth* ➡ ◉ ➡ *My Device Settings* ➡ ◉ ➡ *S! Appli Request* ➡ ◉ ➡ *Off* ➡ ◉
Receiving connection requests while connected to a device	◉ ➡ *Tools* ➡ ◉ ➡ ⊙ *Connectivity* ➡ *Bluetooth* ➡ ◉ ➡ *My Device Settings* ➡ ◉ ➡ *Plural Connect Standby* ➡ ◉ ➡ *On* ➡ ◉
Opening Bluetooth®-related handset properties	◉ ➡ *Tools* ➡ ◉ ➡ ⊙ *Connectivity* ➡ *Bluetooth* ➡ ◉ ➡ *My Device Details* ➡ ◉ ● Press ⓨ to view service details.
Activating Bluetooth® via Main Menu	◉ ➡ *Tools* ➡ ◉ ➡ ⊙ *Connectivity* ➡ *Bluetooth* ➡ ◉ ➡ *Switch On/Off* ➡ ◉ ➡ *On* ➡ ◉

Bluetooth® Watches

Synchronizing Bluetooth® watch with handset Clock	◉ ➡ *Tools* ➡ ◉ ➡ ⊙ *Connectivity* ➡ *Bluetooth* ➡ ◉ ➡ *Setting Watch* ➡ ◉ ➡ *Set BT-Watch Time* ➡ ◉ ➡ *Yes* ➡ ◉ ● Connect handset to a Bluetooth® watch beforehand.
Enabling/disabling Bluetooth® watch responses	◉ ➡ *Tools* ➡ ◉ ➡ ⊙ *Connectivity* ➡ *Bluetooth* ➡ ◉ ➡ *Setting Watch* ➡ ◉ ➡ *Notification* ➡ ◉ ➡ Select item ➡ ◉ ➡ *Permit* or *Prohibit* ➡ ◉ ● Register a Bluetooth® watch beforehand.

Paired Devices

Editing Paired Device list	Start Here ◉ ➡ *Tools* ➡ ◉ ➡ ⊙ *Connectivity* ➡ *Bluetooth* ➡ ◉ ➡ *Paired Devices* ➡ ◉ ➡ Select device ➡ ⊠ ➡ See below **Renaming Paired Devices** *Change Name* ➡ ◉ ➡ Enter name ➡ ◉ **Deleting Paired Devices** *Delete* ➡ ◉ ➡ *Yes* ➡ ◉ ● To delete a device connected to handset, choose *Yes* and press ◉.
Disconnecting handsfree devices, etc.	◉ ➡ *Tools* ➡ ◉ ➡ ⊙ *Connectivity* ➡ *Bluetooth* ➡ ◉ ➡ *Paired Devices* ➡ ◉ ➡ Select connected device ➡ ◉
Connecting devices supporting handsfree telephony and audio output by service	◉ ➡ *Tools* ➡ ◉ ➡ ⊙ *Connectivity* ➡ *Bluetooth* ➡ ◉ ➡ *Paired Devices* ➡ ◉ ➡ Select device ➡ ⊠ ➡ *Select Service* ➡ ◉ ➡ *Handsfree function* or *Audio function* ➡ ◉
Specifying a preferred device for wireless connection	Start Here ◉ ➡ *Tools* ➡ ◉ ➡ ⊙ *Connectivity* ➡ *Bluetooth* ➡ ◉ ➡ *Paired Devices* ➡ ◉ ➡ Select device ➡ ⊠ ➡ *Set to Prior Connect* ➡ ◉ ➡ See below **For Handsfree Telephony** *Handsfree On* ➡ ◉ ● For ***Handsfree On***, specified device reconnects to handset when placing/receiving calls. **For Audio Output** *Audio On* ➡ ◉ ● For ***Audio On***, Media Player/TV audio output is redirected to specified device automatically when Sound Output is set to ***Bluetooth Device***.

Sending Files

Sending My Details	● ➡ 0 ➡ ✉ ➡ *Send My Card* ➡ ● ➡ *Via Bluetooth* ➡ ● ➡ Select device ➡ ● ➡ *Yes* ➡ ● ➡ Transfer starts
Sending non-Phone Book files	In file list, select file ➡ ✉ ➡ *Send* (or *Send/ Blog)* ➡ ● ➡ *Via Bluetooth* ➡ ● ➡ Select device ➡ ● ➡ *Yes* ➡ ● ➡ Transfer starts

Backup

Backup & Restore

Backing up all items	● ➡ *Settings* ➡ ● ➡ ⊙ *Phone/* ➡ *Backup/Restore* ➡ ● ➡ *Backup All Items* ➡ ● ➡ Enter Handset Code ➡ ● ➡ *Yes* ➡ ● ➡ *Yes* ➡ ● ➡ Backup complete ➡ ● ➡ ●
Encoding data for backup	● ➡ *Settings* ➡ ● ➡ ⊙ *Phone/* ➡ *Backup/Restore* ➡ ● ➡ *Settings/Manage* ➡ ● ➡ *Encode Settings* ➡ ● ➡ Select item ➡ ● ➡ *On* ➡ ● ● Available for Phone Book, Messaging folders, Calendar and Tasks.
Restoring all items	● ➡ *Settings* ➡ ● ➡ ⊙ *Phone/* ➡ *Backup/Restore* ➡ ● ➡ *Restore All Items* ➡ ● ➡ *Yes* ➡ ● ➡ *Yes* ➡ ● ➡ Restore complete ➡ ● ➡ ●

Backup Files

Deleting backup files	● ➡ *Settings* ➡ ● ➡ ⊙ *Phone/* ➡ *Backup/Restore* ➡ ● ➡ *Settings/Manage* ➡ ● ➡ *File Management* ➡ ● ➡ Select item ➡ ● ➡ Select file ➡ ● (☐/☑) ➡ Complete selection ➡ Y! ➡ *Yes* ➡ ●

S! Addressbook Back-up

Canceling auto synchronization	● ➡ *Phone* ➡ ● ➡ *S! Addressbook Back-up* ➡ ● ➡ *Details* ➡ ● ➡ *Auto Sync Settings* ➡ ● ➡ *Set On/Off* ➡ ● ➡ *Off* ➡ ● ➡ Y!
Changing auto synchronization settings	Start Here ● ➡ *Phone* ➡ ● ➡ *S! Addressbook Back-up* ➡ ● ➡ *Details* ➡ ● ➡ *Auto Sync Settings* ➡ ● ➡ See below ● Set *Set On/Off* to *On* beforehand. **Changing Auto Sync Frequency** *Set Frequency* ➡ ● ➡ Select frequency ➡ ● ➡ Enter/select date/time/day of the week ➡ ● ➡ Y! ● For *After Editing Ph.Book(10 min.)*, omit steps for date, time, etc. **Changing Auto Sync Command** *Sync Mode Setting* ➡ ● ➡ Select command ➡ ● ➡ Y!
Confirming password	Y! ➡ *メニューリスト* ➡ ● ➡ *My SoftBank* ➡ ● ➡ *English* ➡ ● ➡ *Password confirmation for S! Address Book* ➡ ● ● Follow onscreen instructions.
Opening log	● ➡ *Phone* ➡ ● ➡ *S! Addressbook Back-up* ➡ ● ➡ *Details* ➡ ● ➡ *Sync Log* ➡ ● ➡ Select record ➡ ●
Deleting log records	Start Here ● ➡ *Phone* ➡ ● ➡ *S! Addressbook Back-up* ➡ ● ➡ *Details* ➡ ● ➡ *Sync Log* ➡ ● ➡ See below **One Record** Select record ➡ ✉ ➡ *Delete* ➡ ● ➡ *Yes* ➡ ● **All Records** ✉ ➡ *Delete All* ➡ ● ➡ *Yes* ➡ ●

Wi-Fi

Wi-Fi disconnects

- Connection is interrupted automatically if Display goes dark after a period of inactivity; restored when Display reactivates.

Cannot connect to Wi-Fi

- Depending on access point settings, handset may not connect to Wi-Fi when powered on outside 3G range. In this case, pass through the 3G service area carrying the handset and retry.

Login page opens when using public wireless LAN service

- Some public wireless LAN services require authentication via Direct Browser. Enter corresponding user ID/ password.

File Transfer

Some files are not received

- If storage limit is reached during transfers, remaining files will not be received.

Cannot receive/accept connection requests even when Infrared/ Bluetooth® is *On*

- Handset may not be in Standby.
- Keypad Lock/Function Lock may be active.
- Software Update may be in progress.

Phone Book settings are lost

- One file transfer resets these settings:
  - Category, Tone, Light, Vibration, Secret
- Picture setting may be lost depending on image; send the image separately and reassign it.

Calendar/Tasks settings are lost

- One file transfer resets these settings:
  - Alarm tone/video, Secret, S! Friend's Status

Bookmarks are not saved properly

- Large Bookmarks may not be received correctly.
- Streaming Bookmarks are saved as Yahoo! Keitai Bookmarks.

Messages are not saved properly on handset

- Messages may not be received depending on the size.
- Messages received via One File Transfer are saved to Data Folder (Other Documents) and cannot be used as messages.
- Sky Mail may be received as S! Mail when transferred from other SoftBank handsets via All File Transfer.
- In All File Transfers, overwriting messaging folders deletes sort keys.

Messages are not saved properly on recipient devices

- Mail Notices are saved as messages, invalidating complete message retrieval.
- When sending messages to other handset models via All File Transfer, Spam Folder messages may be saved to the incoming message folder.
- When sending messages in Drafts to other handset models via All File Transfer, only the first entered recipient may remain or SMS addressed to multiple recipients may not be saved.

Cannot find files in DCIM folder

- Received files in DCIM folder are saved to Pictures folder.

Infrared

Infrared transfer fails

- Infrared Port may be obstructed by dust, etc.; clean with soft cloth.
- Transfers may fail in direct sunlight, under fluorescent lighting or near infrared equipment.

Backup & Restore

Backup fails

- Check handset/Memory Card memory; backup may fail if the memory is low.

Some files are not restored

- If storage limit is reached during Restore, remaining files will not be restored.

Cannot use backup files on other SoftBank handsets or PCs

- Some backup files may not be usable on other SoftBank handsets or PCs.

Cannot open backup files

- Some backup files may open only after being restored to handset.

Phone Book settings are lost

- Picture setting may be lost depending on image; send the image separately and reassign it.

Messages are not saved properly

- Transfer may delete sort keys.
- Mail Notices are restored as messages, invalidating complete message retrieval.

Bookmarks are not saved properly

- Yahoo! Keitai, Streaming and PC Site Browser/Direct Browser Bookmarks are all backed up as a single file.
- Streaming Bookmarks are saved as Yahoo! Keitai Bookmarks.

■ Exporting Backed Up Data to Other SoftBank Handsets

Messages are not saved properly

- If spam filter is available on recipient handset, Spam Folder messages are saved in spam folder regardless of the setting. (If unavailable, they are saved as normal received messages.)
- When restoring draft messages, only the first entered recipient may remain or SMS addressed to multiple recipients may not be saved.

■ Importing Data Backed Up on Other SoftBank Handsets

Messages are not saved properly

- Messages may not be restored depending on the size.
- Sky Mail may be restored as S! Mail.